

## 5mm Diameter 120 Grit Ground Glass Diffuser



Stock **#83-416** **20+ In Stock**

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#### General

Ground Glass Diffuser **Type:**

Sandblasted on first surface **Note:**

#### Physical & Mechanical Properties

5.00 ±0.25 **Diameter (mm):**

Ground **Edges:**

120

Grit:

Thickness (mm):

1.60

## Optical Properties

Coating:

Uncoated

Substrate:

Float Glass

Wavelength Range (nm):

350 - 2000

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 247:

[Compliant](#)

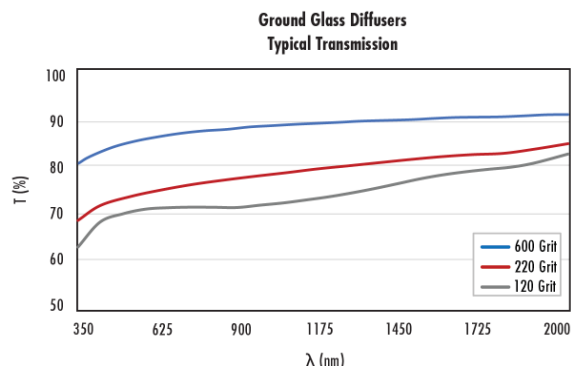
## Product Details

- Available in Sizes Ranging from 5mm Diameter to 250mm Square
- Low Scatter Loss
- Evenly Ground Surface for Even Diffusion
- [Fused Silica Substrates](#) Available

Ground Glass Diffusers are comprised of high tolerance, quality ground glass making them ideal for a variety of industrial applications. The float glass substrate has excellent visible transmission and is ideal for general diffusing applications. A 120-grit, 220-grit or 600-grit (as noted) sandblast is used to create a diffuse surface on the glass. Ground Glass Diffusers have even diffusion across the entire surface from undergoing two orthogonal passes during this sandblast process. The scattering is a compromise of low scatter loss and medium diffusion. Typical applications include use in screens, illuminator diffusion, and targets.

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## Technical Information



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